

IN THE SPECIFICATION

Please amend page 4, the last paragraph, as follows:

In one aspect of the present invention, a high efficiency amplifier is connected to a non-reciprocal circuit element $[[,]]$ having an input impedance lower than a standard impedance and an output impedance substantially equal to the standard impedance, the high efficiency amplifier includes: an input terminal to receive an input signal; an output terminal connected to the non-reciprocal circuit element; an amplifier element to amplify the input signal; and one or a plurality of harmonic processing circuits arranged between the amplifier element and the output terminal to process a harmonic in an output signal of the amplifier element.